PATENT COOPERATION TREATY

From the	RECEIVED
NTERNATIONAL SEARCHING AUTHORITY	15 OCT 2004
To:	
RODNEY T. COX BOREALIS TECHNICAL LIMITED	WIPO PCT
23545 NW SKYLINE BLVD	WRITTEN OPINION OF THE
NORTH PLAINS, OR 97133-9204	INTERNATIONAL SEARCHING AUTHORITY
	(PCT Rule 43bis.1)
•	Date of mailing (day/month/year) 13 OCT 2004
Applicant's or agent's file reference	FOR FURTHER ACTION
Applicant 5 of agents of the	See paragraph 2 below
1260 International application No. International	I filing date (day/month/year) Priority date (day/month/year)
international approximation	
PCT/US04/08974 22 March 2 International Patent Classification (IPC) or both nation	004 (22.03.2004) nal classification and IPC
International Patent Classification (IPC) of both matter	2007 7118 and TIS CI : 322/15 45: 290/40B 40R, 52
IPC(7): HO2P 9/04; HO2P 9/00; F02N 11/06; F01D	15/10; H02K 7/18 and US Cl.: 322/15, 45; 290/40B, 40R, 52
Applicant	
BOREALIS TECHNICAL LIMITED	
	allowing items:
1. This opinion contains indications relating to the f	OHOWING ICCID.
Box No. I Basis of the opinion	·
Box No. II Priority	
Box No. III Non-establishment of op	inion with regard to novelty, inventive step and industrial applicability
Box No. TV Lack of unity of invention	on
T	er Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial
applicability; citations a	nd explanations supporting such statement
Box No. VI Certain documents cited	1
Box No. VII Certain defects in the ir	aternational application
Box No. VIII Certain observations or	the international application
2. FURTHER ACTION	ination is made, this opinion will be considered to be a written opinion of the ("IPEA") except that this does not apply where the applicant chooses an
If a demand for international premining years	ination is made, this opinion will be considered to be a written opinion of the ("IPEA") except that this does not apply where the applicant chooses an of the chosen IPEA has notified the International Bureau under Rule 66.1bis(b)
Authority other than this one to be the IPEA as	y ("IPEA") except that this does not apply where the applicant effective and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) apply Authority will not be so considered.
that written opinions of this international Search	ing radiosity was
t to the second design of the	ed to be a written opinion of the IPEA, the applicant is invited to submit to the
If this opinion is, as provided above, considered	riate, with amendments, before the expiration of 3 months from the date of riginary of 22 months from the priority date, whichever expires later.
mailing of Form PCT/ISA/220 or before the ex	riate, with amendments, before the expiration of 2 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.	•
D DCT/IO	J. 1720
3. For further details, see notes to Form PCT/ISA	
Name and mailing address of the ISA/ US	Authorized officer
Mail Stop PCT, Atm: ISA/US	Darren Schuberg
Commissioner for Patents P.O. Box 1450	703) 308,0056
Alexandria, Virginia 22313-1450	Telephone No. (703) 308-0956

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/US04/08974

Box No	. I Basis of this opinion
 	the basis of the international application in the language in which
1. With s	egard to the language, this opinion has been established on the basis of the international application in the language in which filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With claime	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the discount on this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
•	in written format
	in computer readable form
c.	time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Add	itional comments:
ļ	
	•
ļ	

International application No. PCT/US04/08974

Statement		÷	
Novelty (N)	Claims NONE		YE
Hovely (14)	Claims 1-93		NC
	·		YE
Inventive step (IS)	Claims NONE Claims 1-93		NC
·	Claims 1-93		
Industrial applicability (IA)	Claims 1-93		YE
	Claims NONE		NC
	Article 33(3) as being obvious over E	ctifier 32 and a controller	ashekara et al. 55 (see figure 1).
oims 1 - 93 lack an inventive step under PCT asai et al discloses a control system having a wever, Bansai et al does not disclose having the other hand, Rajashekara et al discloses a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
asai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
asai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
sai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
sai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
sai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).
nsai et al discloses a control system having a	prime mover 16, a generator 30, a re-	ctifier 32 and a controller	55 (see figure 1).

PATENT COOPERATION TREATY

From the	RECEIVED
INTERNATIONAL SEARCHING AUTHORITY	PCT 15 OCT 2004
To: RODNEY T. COX	DOT.
BOREALIS TECHNICAL LIMITED 23545 NW SKYLINE BLVD	WRITTEN OPINION OF THE
NORTH PLAINS, OR 97133-9204	INTERNATIONAL SEARCHING AUTHORITY
	(PCT Rule 43bis.1)
	Date of mailing (day/month/year) 13 OCT 2004
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraph 2 below
1260 Internal	tional filing date (day/month/year) Priority date (day/month/year)
International approaches 100	Horizon Change Control Control
PCT/US04/08974 22 Mar International Patent Classification (IPC) or both n	rch 2004 (22.03.2004)
International Patent Classification (if c) of boar a	1015 15/10 HOOK 7/18 and HS CL : 322/15 45: 290/40B, 40R, 52
	01D 15/10; H02K 7/18 and US Cl.: 322/15, 45; 290/40B, 40R, 52
Applicant	
BOREALIS TECHNICAL LIMITED	
1. This opinion contains indications relating to	the following items:
Box No. I Basis of the opinion	
Box No. II Priority	
Box No. III Non-establishment	of opinion with regard to novelty, inventive step and industrial applicability
Box No. IV Lack of unity of inv	vention
Box No. V Reasoned statement applicability; citatic	under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial ons and explanations supporting such statement
Box No. VI Certain documents	cited
Box No. VII Certain defects in t	he international application
Box No. VIII Certain observation	ns on the international application
2. FURTHER ACTION	the beautiful animon of the
If a demand for international preliminary of International Preliminary Examining Auth Authority other than this one to be the IPE that written opinions of this International So	examination is made, this opinion will be considered to be a written opinion of the nority ("IPEA") except that this does not apply where the applicant chooses an EA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) earching Authority will not be so considered.
mailing of Form PCT/ISA/220 or before the	idered to be a written opinion of the IPEA, the applicant is invited to submit to the propriate, with amendments, before the expiration of 3 months from the date of the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/22	
3. For further details, see notes to Form PCT	
Name and mailing address of the ISA/ US	Authorized officer
Mail Stop PCT, Attn: ISA/US	Darren Schuberg
Commissioner for Patents P.O. Box 1450	703) 209,0056
Alexandria, Virginia 22313-1450	Telephone No. (703) 308-0956

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/US04/08974

Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:
Form PCT/ISA/237(Box No. I) (January 2004)

International application No. PCT/US04/08974

Statement	•	•		
Novelty (N)	Claims	NONE		YE
Movery (IA)	Claims			NO
				NT.
Inventive step (IS)		NONE		YE NO
	Claims	1-93		
Industrial applicability (IA)	Claims	1-93		YE
maastas approximation ,	Claims	NONE		NO
wever, Bansai et al does not disclose having a the other hand, Rajashekara et al discloses a c	CONTROLLER OF DELA	LOUIS BONDIANOS I I ama por		
•				
	ï			
	ï			
	ï,			
	`.			
		· -		
			i	
			1	